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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/666,946
Applicant : Baldomero M. OLIVERA
Filed : September 22, 2003
TC/A.U. : 1646
Examiner :

Docket No. : 2314-266
Customer No. : 06449
Confirmation No. : 7093

INFORMATION DISCLOSURE STATEMENT

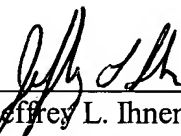
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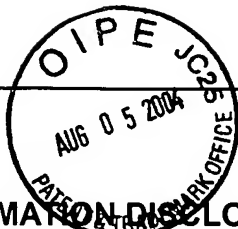
Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith
information that the Office may wish to consider in examination of the subject application.

Materials submitted for consideration are listed on the attached form PTO-1449.

Respectfully submitted,

By 
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

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Filing Date	September 22, 2003
First Named Inventor	Baldomero M. OLIVERA
Group Art Unit	1646
Examiner Name	

Sheet	1	of	2	Attorney Docket Number	2314-266
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
		5,672,682		Terlau et al.	09-30-1997
		2003/0181368		Layer et al.	09-25-2003
		2003/0224343		Pemberton-Goodman et al.	12-04-2003
		2004/0092447		Cornell-Bell et al.	05-13-2004

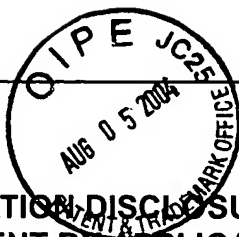
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



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Sheet	2	of	2	Attorney Docket Number	2314-266
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Michael Ferber, et al., "Identification of a mammalian target of κ M-conotoxin RIIK," <i>Toxicon</i> , Vol. 43, 2004, pp. 915-921	
		Michael Ferber, et al., "A Novel Conus Peptide Ligand for K ⁺ Channels," <i>The Journal of Biological Chemistry</i> , Vol. 278, No. 4, January 24, 2003, pp. 2177-2183	
		Richard B. Jacobsen, et al., "Single Amino Acid Substitutions in κ -Conotoxin PVIIA Disrupt Interaction with the Shaker K ⁺ Channel," <i>The Journal of Biological Chemistry</i> , Vol. 275, No. 32, August 11, 2000, pp. 24639-24644	
		E. Dietlind Koch, et al. "The Binding of κ -Conotoxin PVIIA and Fast C-Type Inactivation of Shaker K ⁺ Channels are Mutually Exclusive," <i>Biophysical Journal</i> , Vol. 86, January 2004, pp. 191-209	
		David Naranjo, "Inhibition of Single <i>Shaker</i> K Channels by κ -Conotoxin-PVIIA," <i>Biophysical Journal</i> , Vol. 82, June 2002, pp. 3003-3011	
		Philippe Savarin, et al., "Variability in automated assignment of NOESY spectra and three-dimensional structure determination: A test case on three small disulfide-bonded proteins," <i>Journal of Biomolecular NMR</i> , Vo. 19, 2001, pp. 49-62	
		Philippe Savarin, et al., "Three-Dimensional Structure of κ -Conotoxin PVIIA, a Novel Potassium Channel-Blocking Toxin from Cone Snails, <i>Biochemistry</i> ," Vol. 37, 1998, pp. 5407-5416	
		Martin J. Scanlon, et al., "Solution structure and proposed binding mechanism of a novel potassium channel toxin κ -Conotoxin PVIIA, <i>Structure</i> , Vol. 5, No. 12, 1997, pp. 1585-1597	
		Ki-Joon Shon, et al., " κ -Conotoxin PVIIA Is a Peptide Inhibiting the Shaker K ⁺ Channel," <i>The Journal of Biological Chemistry</i> , Vol. 273, No. 1, January 2, 1998, pp. 33-38	
		Heinrich Terlau, et al. "Strategy for rapid immobilization of prey by a fish-hunting marine snail," <i>Letters to Nature</i> , Vol. 381, May 9, 1996, pp. 148-151	

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